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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Divisional # 10/012,756
		Filing Date	June 27, 2003
		First Named Inventor	John B. Harley
		Group Art Unit	
		Examiner Name	
Sheet 1 of 23	Attorney Docket Number	OMRF 161 DIV (2)	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code * (if known)			
BL		4,554,101		Hopp	11-19-1985	
		4,654,419		Vaughan	03-31-1987	
		4,707,358		Kieff	11-17-1987	
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		4,865,970		Brot, et al.	09-12-1989	
		5,312,752		Woltz, et al.	05-17-1994	
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		5,637,454		Harley	06-10-1987	
		5,679,774		Wolf	10-21-1997	
		5,723,283		Classen	03-03-1998	
		5,726,286		Alderson	03-10-1998	
		5,874,531		Strominger, et al.	02-23-1999	
V		5,965,353		Middeldorp	10-12-1999	

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ²	Kind Code ⁵ (if known)			
BL		EP	0 113 431		Yeshiva University	07-18-1984	Abstract only
		EP	0 313 156		Akzo N.V.	04-26-1989	
		PCT	WO 86/01210		Scripps Clinic Res.	02-27-1986	
		PCT	WO 88/09932		Amrad Corporation Ltd.	06-03-1988	
		PCT	WO 91/11718		Board of Regents of the University of Oklahoma	08-08-1991	Abstracted sequence only
		PCT	WO 91/17171		Oklahoma Medical Research Foundation	11-14-1991	

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Examine Signature	Baoguan	Date Considered	5/22/2006
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Substitute for form 1449A/PTO				Completed If Known Application Number Divisional of 10/012,756 Filing Date June 27, 2003 First Named Inventor John B. Harley Group Art Unit Examiner Name Attorney Docket Number OMRF 161 DIV (2)	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	2	of	23		

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B C ↓ ↓		PCT	WO 91/18920		Neosystem	12-12-1991		
		PCT	WO 93/21223		Board of Regents of the University of Oklahoma	10-28-1993		
		PCT	WO 94/02445		Yeda Research and Development Co. Ltd.	02-03-1994		
		PCT	WO 94/02509		Rijksuniversiteit Leiden	02-03-1994		
		PCT	WO 94/06912		Middeldorp	03-31-1994		
		PCT	WO 94/21669		Medclone, Inc.	09-29-1994		

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				First Named Inventor	John B. Harley
				Group Art Unit	
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Sheet	3	of	23	Attorney Docket Number	OMRF 161 DIV (2)

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Examine Signature	Baugh	Date Considered	03/23/2016
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		First Named Inventor	John B. Harley		
		Group Art Unit			
		Examiner Name			
Sheet	4	of	23	Attorney Docket Number	OMRF 161 DIV (2)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
BC		ALEXANDER, et al., "Anti-Ro/SS-A Antibodies in the Pathophysiology of Congenital Heart Block in Neonatal Lupus Syndrome, and Experimental Model," <i>Arth. And Rheum.</i> 35:176-189 (1992).	
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		BLANK, et al., "Induction of Experimental Anti-phospholipid Syndrome Associated with SLE Following Immunization with Human Monoclonal Pathogenic Anti-DNA Idiotype," <i>J. Autoimmunity</i> 5:495-509 (1992).	
		BLANK, et al., "Induction of SLE-Like Disease in Naive Mice with a Monoclonal anti-DNA Antibody Derived from a Patient with Polymyositis carrying the 16/6 id," <i>J. Autoimmunity</i> 1:583-591 (1988).	
		BLANK, et al., "Induction of Systemic Lupus Erythematosus in Naive Mice with T-cell Lines Specific for Human Anti-DNA Antibody SA-1 (16/6 Id+) and for Mouse Tuberculosis Antibody TB/68 (16/6 Id+) <i>Clin. Immunol. Immunopathol.</i> 60:471-483 (1991).	

Examiner's Signature	Burgess	Date Considered	05/23/2006
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		Filing Date	June 27, 2003
		First Named Inventor	John B. Harley
		Group Art Unit	
		Examiner Name	
Sheet 5 of 23	Attorney Docket Number	OMRF 161 DIV (2)	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁴
BL		BLANK, et al., "Sex Hormone Involvement in the Induction of Experimental Systemic Lupus Erythematosus by a Pathogenic anti-DNA Idiotype in Naïve Mice," <i>J. Rheumatol.</i> 17:311-317 (1990).	
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Examiner's Signature	<i>Baugh</i>	Date Considered	05/23/2006
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		Applicant Number	Divisional 110/012,758		
		Filing Date	June 27, 2003		
		First Named Inventor	John B. Harley		
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Sheet	6	of	23	Attorney Docket Number	OMRF 161 DIV (2)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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BC		CRONE, et al., "Viral Transcription is Necessary and Sufficient for Vesicular Stomatitis Virus to Inhibit Maturation of Small Nuclear Ribonucleoproteins," <i>Journal of Virology</i> 63(10):4172-4180 (1989).	
		CUNNINGHAM, et al., "Human Monoclonal Antibodies Reactive with Antigens of the Group A Streptococcus and Human Heart," <i>Journal of Immunology</i> 141(8):2760-2766 (1988).	
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		ELKON, et al., "Epitope Mapping of Recombinant HeLa SmB and B' Peptides Obtained by the Polymerase Chain Reaction," <i>J. Immun.</i> 145:638-643 (1990).	

Examiner's Signature	<i>David</i>	Date Considered	05/23/2006
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Sheet 7 of 23	Attorney Docket Number	OMRF 161 DIV (2)	

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BL		ESQUIVEL, et al., "Induction of Autoimmunity in Good and Poor Responder Mice with Mouse Thyroglobulin and Lipopolysaccharide," <i>J. Exp. Med.</i> 145:1250-1263 (1977).	
		EVANS & NIEDERMAN, "Epstein-Barr virus" in <i>Viral Infections in Humans</i> , 3rd ed. Evans, A.S. ed. pp 265-292 (Plenum, New York City 1989).	
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		FERRIS & DONALDSON, <i>Veterinary Microbiology</i> 18(3-4):243-258 (1988).	
BLi		FINERTY, et al., "Immunization of Cotton-top Tamarins and Rabbits with a Candidate Vaccine Against the Epstein-Barr Virus Based on the Major Viral Envelope Glycoprotein gp340 and Alum," <i>Vaccine</i> 12:1180-1184 (1994).	.
BLi		FINERTY, et al., "Protective Immunization Against Epstein-Barr Virus-Induced Disease in Cotton-top Tamarins Using the Virus Envelope glycoprotein gp340 Produced from a Bovine Papillomavirus Expression Vector," <i>J. Gen. Virol.</i> 73:449-453 (1992).	.
BLi		FOX, "Sjogren's Syndrome," <i>Current Opin. Rheum.</i> 7:409-416 (1995).	
BLi		FOX, et al., "Detection of Epstein-Barr Virus-Associated Antigens and DNA in Salivary Gland Biopsies from Patients with Sjogren's Syndrome," <i>J. Immunol.</i> 137:3162-3168 (1986).	

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BL		FOX, et al., "Potential Role of Epstein-Barr Virus in Sjogren's Syndrome and Rheumatoid Arthritis," <i>J. Rheumatol.</i> 19:18-24 (1992).	
		FRICKE, et al., "Induction of Experimental Systemic Lupus Erythematosus in Mice by Immunization with a Monoclonal Anti-La Autoantibody," <i>Intern. Immunol.</i> 2:225-230 (1990).	
		FRITZ, et al., "Small Nuclear U-Ribonucleoproteins in <i>Xenopus Laevis</i> Development," <i>J. Mol. Biol.</i> 178:273-285 (1984).	
		GAITHER, et al., "Implications of Anti-Ro/Sjogren's Syndrome a Antigen Autoantibody in Normal Sera for Autoimmunity," <i>J. Clin. Invest.</i> 79:841-846 (1987).	
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		GAUTAM, et al., "A viral peptide with limited homology to a self peptide can induce clinical signs of experimental autoimmune encephalomyelitis," <i>J. Immunol.</i> 161:60-64 (1998).	
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✓		GEYSEN, et al., "Use of Peptide Synthesis to Probe Viral Antigens for Epitopes to a Resolution of a Single Amino Acid," <i>Proc. Natl. Acad. Sci. USA</i> 81:3998-4002 (1984).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Divisional of 10/012,756
		Filing Date	June 27, 2003
		First Named Inventor	John B. Harley
		Group Art Unit	
		Examiner Name	
Sheet 9 of 23	Attorney Docket Number	OMRF 161 DIV (2)	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
BC		GRABOWSKI, et al., "Drosophila AP3, a Presumptive DNA Repair Protein, is Homologous to Human Ribosomal Associated Protein PO," <i>Nucleic Acids Research</i> 19(15):4297 (1991).	
		GU, et al., "First EBV Vaccine Trial in Humans Using Recombinant Vaccinia Virus Expressing the Major Membrane Antigen," <i>Dev. Biol. Stand.</i> 84:171-177 (1995).	
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		HARLEY & GAITHER, "Autoantibodies" <i>Rheum. Dis. Clin. N. Amer.</i> 14:43-56 (1992).	
		HARLEY & JAMES, "Review Articles: Autoepitopes in Lupus," <i>J. Lab. Clin. Med.</i> 126(6):509-516 (1995).	
		HARLEY, et al., "Gene Interaction at HLA-DQ Enhances Autoantibody Production in Primary Sjogren's Syndrome," <i>Science</i> 232:1145-1147 (1986).	

Examiner's Signature	<i>John B. Harley</i>	Date Considered	05/26/2006
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DC		HARLEY, et al., "Anti-Ro (SS-A) and Anti-La (SS-B) in Patients with Sjogren's Syndrome," <i>Arthritis Rheum.</i> 29:196-206 (1986).	
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		HUANG, et al., "Immunization with Vesicular Stomatitis Virus Nucleocapsid Protein induces Autoantibodies to the 60 kD Ro Ribonucleoprotein Particle," <i>J. Invest. Med.</i> 43:151-158 (1995).	
		HURD, et al., "Formation of Leukocyte Inclusions in Normal Polymorphonuclear Cells Incubated with Synovial Fluid," <i>Arthritis Rheum.</i> 13:724-733 (1970).	

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BLi		INOUE, et al., "Analysis of Antibody Titers to Epstein-Barr Virus Nuclear Antigens in Sera of Patients with Sjogren's Syndrome and with Rheumatoid Arthritis," <i>J. Infect. Dis.</i> 164:22-28 (1991).	
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		JAMES & HARLEY, "Sequential Fine Specificity of the Small Nuclear Ribonuclear Protein C," <i>Clinical Res.</i> 41(2):PA393 (1993).	
BLi		JAMES, et al., "Immunoglobulin Epitope Spreading and Autoimmune Disease After Peptide Immunization: Sm B/B'-derived PPPGMRPP and PPPGIRGP Induce Spliceosome Autoimmunity," <i>J. Exp. Med.</i> 181:453-461 (1995).	
BLi		JAMES, et al., "An increased prevalence of Epstein-Barr virus infection in young patients suggests a possible etiology for systemic lupus erythematosus," <i>J. Clin. Invest.</i> 100:3019-26 (1997).	
BLi		JAMES, et al., "Basic Amino Acids Predominate in the Sequential Autoantigenic Determinants of the Small Nuclear 70K Ribonucleoprotein," <i>Scand. J. Immunol.</i> 39:557-566 (1994).	

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Sheet	12	of	23
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BCL		JAMES, et al., "Inbred Mice Strains Differ in Their Capacity to Develop Spliceosomal Autoimmunity After Peptide Immunization," <i>Arthritis Rheum.</i> 38:S226 (1995).	
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Examiner's Signature	<i>Dugan</i>	Date Considered	05/28/2003
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BC		KURILLA, et al., "The Leader RNA of Vesicular Stomatitis Virus is Bound by a Cellular Protein Reactive with Anti-La Lupus Antibodies," <i>Cell</i> 34:837-845 (1983).	
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BC		LEVITSKAYA, "Inhibition of Antigen Processing by the Internal Repeat Region of the Epstein-Barr Virus Nuclear Antigen-1," <i>Nature</i> 375:685-688 (1995).	
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BS		MENDLOVIC, et al., "The Role of Anti-Idiotypic Antibodies in the Induction of Experimental Systemic Lupus Erythematosus in Mice," <i>Eur. J. Immunol.</i> 19:729-732 (1989).	
		MILLER, et al., "The Role of an Autoantigen, Histidyl-tRNA Synthetase, in the Induction and Maintenance of Autoimmunity," <i>Proc. Natl. Acad. Sci. USA</i> 87:9933-9937 (1990).	
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		MORSHED, et al., "Increased Expression of Epstein-Barr Virus in Primary Biliary Cirrhosis Patients," <i>Gastroenterol. Jpn.</i> 27(6):751-758 (1992).	
		MOSIER, et al., "Transfer of a functional human immune system to mice with severe combined immunodeficiency," <i>Nature</i> 335:258-259 (1988).	
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		NEWELL & STEVENS, "E.B. Virus Antibody in Systemic Lupus Erythematosus," <i>Lancet</i> 1:652 (1971).	

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Sheet	16	of	23
		Attorney Docket Number	OMRF 161 DIV (2)

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BC		NEWKIRK, et al., "Detection of Cytomegalovirus, Epstein-Barr Virus and Herpes Virus-6 in Patients with Rheumatoid Arthritis With or Without Sjogren's Syndrome," <i>Br. J. Rheum.</i> 33:317-322 (1994).	
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		PHILLIPS, et al., "Viruses and Systemic Lupus Erythematosus," <i>Lancet</i> 1:1449 (1973).	

Examiner's Signature	<i>Bayle</i>	Date Considered	05/23/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Applicant Number	Divisional of 10/012,756
		Filing Date	June 27, 2003
		First Named Inventor	John B. Harley
		Group Art Unit	
		Examiner Name	
Sheet 17 of 23	Attorney Docket Number	OMRF 161 DIV (2)	

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B C		QUALTIERE & PEARSON, "Radioimmune Precipitation Study Comparing the Epstein-Barr Virus Membrane Antigens Expressed on P3HR-1 Virus-Superinfected Raji Cells to those Expressed on Cells in a B-95 Virus-Transformed Produced Culture Activated with Tumor-Promoting Agent (TPA)," <i>Virology</i> 102:360-369 (1980).	
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13/1		ROKEACH, et al., "Molecular Cloning of a cDNA Encoding the Human Sm-D Autoantigen," <i>Proc. Natl. Acad. Sci. USA</i> 85:4832-36 (1988).	
		ROSE, et al., "Genetic Regulation in Autoimmune Thyroiditis," Talal N. ed. <i>Autoimmunology Genetic Immunologic Virologic, and Clinical Aspects</i> . New York: Academic Press, 63-87 (1977).	
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		Group Art Unit	
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PC		SCOFIELD, "HLA-B27 Binding of Peptide From Its Own Sequence and Similar Peptides From Bacteria: Implications For Spondyloarthropathies," <i>Lancet</i> , 345:1542-1544 (1995).	
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		Filing Date	June 27, 2003
		First Named Inventor	John B. Harley
		Group Art Unit	
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USC		SILLIKENS, et al., "Human U1 snRNP-specific C Protein: Complete cDNA and Protein Sequence and Identification of a Multigene Family in Mammals," <i>Nucleic Acids Res.</i> 16:8307-21 (1988).	
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		First Named Inventor	John B. Harley
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PL		The Medical Letter on Drugs and Therapeutics 37(951):55-57 (June 23, 1995).	
		THEISSEN, et al., "Cloning of the Human cDNA for the U1 RNA-associated 70K Protein," <i>EMBO J.</i> 5:3209-17 (1986).	
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B C		VANDENBARK, et al., "Effects of vaccination with T cell receptor peptides: Epitope switching to a possible disease-protective determinant of myelin basic protein that is cross-reactive with a TCR BV peptide," <i>Immunology and Cell Biology</i> 76:83-90 (1998).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Applicant Number	Divisional # 10/012,756
		Filing Date	June 27, 2003
		First Named Inventor	John B. Harley
		Group Art Unit	
		Examiner Name	
Sheet 23 of 23	Attorney Docket Number	OMRF 161 DIV (2)	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
BL		WHITTINGHAM, et al., "Epstein-Barr Virus as an Etiological Agent in Primary Sjogren's Syndrome," <i>Med. Hypothesis</i> , 22:373-386 (1987).	
		WILLIAMS, et al., "A Repeated Proline-rich Sequence in Sm B/B' and N is a Dominant Epitope Recognized by Human and Murine Autoantibodies," <i>J. Autoimmunity</i> 3:715-725 (1990).	
		WILSON, et al., "Association of Lymphomatoid Granulomatosis With Epstein-Barr Viral Infection of B Lymphocytes and Response to Interferon-α2b," <i>Blood</i> , 87:4531-4537 (1996).	
		WINFIELD, et al., "Serologic Studies in patients with Systemic Lupus Erythematosus and Central Nervous System Dysfunction," <i>Arthritis Rheum.</i> 21:289-294 (1978).	
		WITEBSKY, et al., "Chronic Thyroiditis and Autoimmunization," <i>J. Am. Med. Assoc.</i> 164:1439-1447 (1957).	
		XIE & SNYDER, "Two Short Autoepitopes on the Nuclear Dot Antigen Are Similar to Epitopes Encoded by the Epstein-Barr Virus," <i>Proc. Natl. Acad. Sci.</i> 92:1639-1643 (1995).	
		YAMAMOTO, et al., "Isolation and Characterization of a Complementary DNA Expressing Human U1 Small Nuclear Ribonucleoprotein C Polypeptide," <i>J. Immun.</i> 140:311-317 (1988).	
		YOKOCHI, et al., "High Titer of Antibody to the Epstein-Barr Virus Membrane Antigen in Sera from Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus," <i>J. Rheumatol.</i> 16:1029-1032 (1989).	
		YU, et al., "Molecular Mimicry in HLA-B-27-Related Arthritis," <i>Annals of Internal Medicine</i> 111(7):581-591 (1989).	
		ZELLER, et al., "Nucleocytoplasmic Distribution of snRNPs and Stockpiled snRNA-Binding Proteins During Oogenesis and Early Development in <i>Xenopus laevis</i> ," <i>Cell</i> 32:425-434 (1983).	

Examiner's Signature	<i>John B. Harley</i>	Date Considered	<i>5/27/2006</i>
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